

**AMENDMENTS TO THE SPECIFICATION**

Please replace the paragraph numbered [0017] with the following paragraph:

[0017] Referring now to FIGS. 5 and 6, a bioreactor 10' in accordance with another embodiment of the present invention is illustrated. The bioreactor 10' has a vertically elongated housing 11' which includes the aforementioned lower housing section 22 with the closed testing chamber 24 and the three ports 26, 28 and 30. The rest of the housing 11' is formed by a cross-sectionally contoured mid-housing section 20' extending from the lower housing section 22 to the upper sealable top end portion 12 just above the outlet port 18. The mid-housing section 20' has fixedly mounted on opposite sides walls 52 thereof adjacent the lower section 22 a plurality of closely spaced guide rods 54 above a neck 55 between the housing sections 20' and 22 as shown in FIG. 6. The aforementioned glass slides 42 are accordingly manually positioned and removed from within the mid-housing section 20' above the collection of deposited beads 50 in the lower housing section 22 between the guide rods 54 by insertion into the housing 11' through the open end of the sealable top portion 12, using tweezers (not shown). As shown in FIG. 6, the guide rods have a diameter of about 0.7mm.  
FIG. 6 also shows the distance between the closely spaced guide rods to be about 1.1mm.